

The growth kinetic of *Trichoderma harzianum* G-(432) in green house soil of Tataristan (Russia)

Mako G., Alimova F.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

Presently it has been observed that every year the preparation of arsenical microorganisms are used in agriculture for the protection of plants. Although, it does not always provide positive results. Owing to the lack of knowledge about the kinetic of microbial population and the relationship between microbes in natural environment. Therefore the basic microorganisms that possess the useful characteristics were studied in laboratory. The pure cultures were isolated in the laboratory and their inter relationship with other microorganisms was studied in the green house substrate. The results of a single culture in laboratory showed high performance of growth and antagonistic activity, which is not the same as was found in normal soil. © 2006 Asian Network for Scientific Information.

Keywords

Green house soil, Growth kinetic, *Trichoderma harzianum*